

J. P. ABBOTT.

Eaves Trough Hangers.

No. 135,056.

Patented Jan. 21, 1873.

Fig. 1.

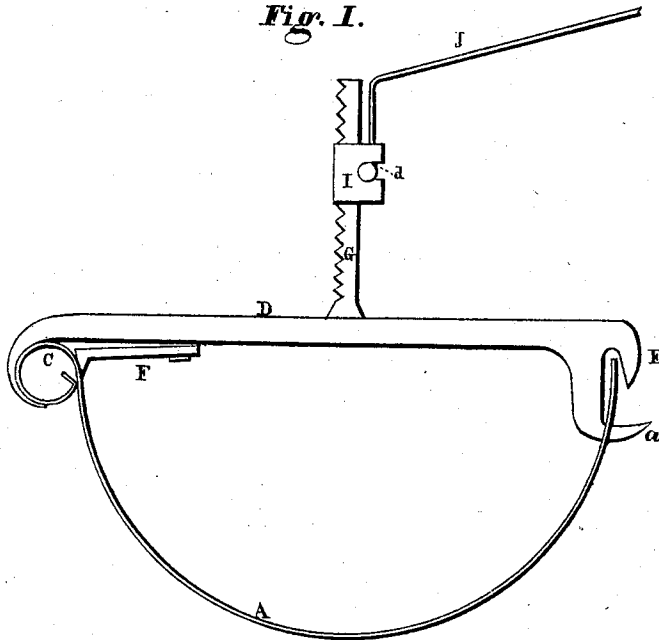


Fig. 2

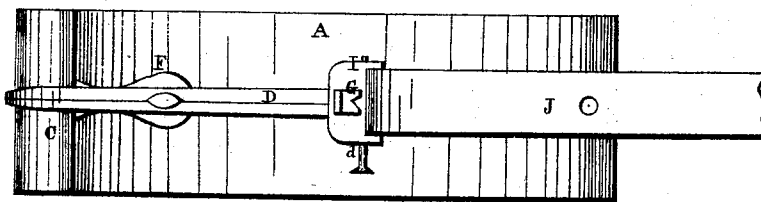
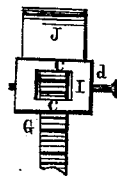


Fig. 3.



Witnesses.

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JONATHAN P. ABBOTT, OF CLEVELAND, OHIO.

IMPROVEMENT IN EAVES-TROUGH HANGERS.

Specification forming part of Letters Patent No. **135,056**, dated January 21, 1873.

To all whom it may concern:

Be it known that I, JONATHAN P. ABBOTT, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and Improved Eaves-Trough Fastener; and I hereby declare that the following is a full, clear, and complete description thereof, reference being had to the accompanying drawing making part of the same.

Figure 1 is a side view of the hanger attached to a section of eaves-trough. Fig. 2 is a plan view of Fig. 1. Fig. 3 is a detached section.

Like letters of reference refer to like parts in the several views.

This invention has for its object the attaching of metallic troughs or gutters to the eaves of buildings by means of an adjustable hanger secured to a strap, one end of which is fastened to the roof, whereas to the opposite end is suspended the trough, and which can be graded for conducting the water by means of the adjustable hanger above referred to. Of said hanger and its application to the above said purpose, the following is a more full and complete description, it being an improvement of a similar invention patented to me June 18, 1872.

In the drawing, Fig. 1, A represents a section of an eaves trough or gutter, constructed in the ordinary way, with a rolled bead, C, on its front side or edge. D is a brace-bar, secured transversely across the gutter by having the front end thereof turned around under so as to embrace the bead C, whereas the rear end of the brace is bent downward for a short distance on the inside of the gutter, and then at a right angle outward, terminating with a sharp point or spur, *a*, which is thrust through the side of the gutter, as shown in Fig. 1, thereby suspending it from the point. The

rear side of the gutter is prevented from slipping from the spur by means of a finger, E, terminating the end of the brace-bar, and which is bent downward on the outside of the gutter, thereby embracing the edge thereof between the finger and the end of the bar, as shown in the drawing. The walls of the gutter are kept distended by a button, F, pivoted at one end to the under side of the bar or to the side. The free end thereof is brought around so as to press against the inside of the bead, thereby holding the front edge of the gutter between the turned end of the bar and the end of the button referred to. The attachment of the bar to the gutter is clearly shown in Fig. 1. Projecting upward from the middle of the brace-bar is a notched standard, G, to which is fitted a yoke, I. The parts *c*, Fig. 3, of the yoke immediately above and below the square opening made in the side thereof are so shaped as to fit into the notches of the standard, and which is thereby prevented from slipping thereon, the yoke being drawn closely into the notches by a key, *d*, inserted between the back of the standard and the end of the hanger-strap J secured to the rear of the yoke by any appropriate means.

Claim.

What I claim as my invention, and desire to secure by Letters Patent, is—

The brace-bar D having a horizontal point or spur, *a*, and finger E, as shown in the drawing and described, and button F, in combination with the gutter A, substantially in the manner as and for the purpose set forth.

JONATHAN P. ABBOTT.

Witnesses:

JOHN H. BURRIDGE,
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